REMARKS

It is submitted that the proposed amendments to the independent claims overcome the Examiner's rejections which are based primarily on Gramlich (*infra*). Consequently, these same amendments also overcome the Examiner's rejections to the dependent claims (claims 22-24, 26-28, 30-32 and 41). Applicant therefore requests withdrawal of the Examiner's rejections to the instant claims.

Claims 1, 10, 16-20, 33 and 40 are rejected under 35 USC 103(a) as being unpatentable over Gramlich, U.S. Patent No. 5,826,025, issued October 20, 1998. Applicant traverses the Examiner's rejection and submits that the amended claims, which have been amended to provide greater clarity and specificity, is operable with existing browsers and browser messaging (see, for example claim 1 which now recites "means for requesting the source file using conventional browser requests"; emphasis added). In distinct contrast, Gramlich describes and requires a new HTTP message to be issued by the browser (see col. 4, lines 61-63). As a result, to implement Gramlich would require the client side application (a new or modified browser) to be installed at each client workstation. This required installation or modification would result in significant costs, time and effort. In distinct contrast, the present claimed invention would not require any modification to the client workstation since the claimed invention uses "conventional browser requests" (claim 1). As such, the present claimed invention provides significant benefits and advantages over that described and taught by Gramlich. Therefore, Applicant submits the claimed subject matter is patentably distinct from Gramlich since Gramlich teaches away from the present claimed invention and, therefore, respectfully requests withdrawal of the Examiner's rejection. Consequently, claims 2-20, which depend from claim 1 and therefore also incorporate the specific and amended limitations of claim 1, are therefore patentably distinct from the

teachings of Gramlich. Applicant therefore requests withdrawal of Examiner's rejections of the instant claims 2-20.

Regarding claims 33 and 40, Examiner has rejected to the instant claims as being similar to claim 1 and objected to these claims for the same reasons. Applicant has amended the instant claims to include language similar to amended claim 1 and submits that previous submissions, which are sufficient to overcome the rejections pertaining to claim 1, are believed to be sufficient to overcome rejection of claims 33 and 40 rejections as well. Applicant therefore respectfully requests Examiner to withdraw rejections to these claims.

Examiner has rejected claims 2-8, 11, 13-15, 34-38 under 35 U.S.C. 103(a) as being unpatentable over Gramlich in view of Tran, U.S. Patent No. 6,054,990, issued April 25 2000. The Applicant submits that the combination of Gramlich and Tran continues to teach away from the present claimed invention. That is, the combination of Gramlich and Tran continues to teach that any client side browser would be required to be replaced or modified so that a new (and unconventional) HTTP message could be issued to launch the proxy necessary for the operation of Gramlich (in isolation or in combination with Tran). Accordingly, the Applicant requests withdrawal of the rejection of claims 2-8, 11, 13-15, and 34-38.

Claims 21-32, 39, 41 are rejected by the Examiner under 35 U.S.C 103(a) as being unpatentable over Gramlich, in view of Tran U.S. Patent No. 6,054,990 issued April 2000 and in further view of Merritt et al. U.S. Patent No. 6,041,335 issued March 2000. It is similarly submitted that the combination of Gramlich, Tran and Merritt would continue to teach away from the present claimed invention as noted above.. Accordingly, the instant invention is patentably distinct from that of Gramlich in view of Tran and in further view of Merritt. Therefore, the Applicant requests Examiner to withdraw the rejections to these claims.

Amendments made are fully supported in the instant application and Applicant submits that no new matter has been added.

Respectfully submitted,

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EHD:KO:jdl

Version Marked-Up to Show Changes

1. A file review system for storing and managing a set of comments associated with a source file, comprising

means for requesting the source file using conventional browser requests,

means for accepting data from the source file and storing a representation of the source file as a markup file,

means for creating a comment file containing data representing the set of comments associated with the source file,

means for accepting new comments for inclusion in the set of comments associated with the source file and for updating the comment file to correspond to the complete set of comments,

means for generating a hypertext document from the markup file and from the comment file, the hypertext document corresponding to the source file and including portions corresponding to one or more of the set of comments associated with the source file,

means for communicating the hypertext document to a user for display.

21. A web-based file review system for storing and managing comments from a plurality of reviewers, the comments being associated with one or more webs of source files, comprising

a parser to parse a selected one of the set of source files into a linked list of objects corresponding to a hypertext representation of the selected source file, the linked list further comprising comment insertion objects and comment display objects, the parser writing the linked list of objects to a binary markup file representing the linked list of objects and corresponding to the selected one of the set of source files, each comment display object [being capable of being] associated with one or more comments,

a set of comment files, each comment file being associated with a one of the set of source files and comprising data representing comments associated with the one of the set of source files,

common gateway interface program code means for accepting new comments for inclusion in the set of comments associated with a reviewer-defined source file and for updating the associated comment file,

common gateway interface program code means for generating a hypertext document from a markup file corresponding to reviewer-selected source file and from the

associated comment file, the hypertext document corresponding to the reviewer-selected source file, wherein said source file is selected using conventional browser requests,

and

the hypertext document including portions corresponding to one or more of the set of comments associated with the reviewer-selected source file, the hypertext data for each portion relating to a comment to be displayed being defined by the associated comment display object,

the hypertext document selectively including hypertext links representing comment insertion objects, the hypertext links providing reviewers with forms for reviewer entry of comments,

the hypertext document selectively including hypertext data for calling the common gateway interface program for generating a hypertext document and the hypertext document selectively including hypertext data for calling the common gateway interface program for accepting new comments,

means for communicating the hypertext document to a browser for display.

25. An article of manufacture comprising:

a computer usable medium having computer readable program code means embodied therein for causing the storage and management of comments in a web-based file review system, the comments being from a plurality of reviewers, and being associated with one or more webs of source files, the computer readable program code means in the article of manufacture comprising

computer readable program code means for causing a computer to parse a selected one of the set of source files into a linked list of objects corresponding to a hypertext representation of the selected source file, the linked list further comprising comment insertion objects and comment display objects, the parser writing the linked list of objects to a binary markup file representing the linked list of objects and corresponding to the selected one of the set of source files, each comment display object [being capable of being] associated with one or more comments,

computer readable program code means for causing the computer to create and manage a set of comment files, each comment file being associated with a one of the set of

source files and comprising data representing comments associated with the one of the set of source files,

computer readable program code means for causing the computer to accept new comments for inclusion in the set of comments associated with a reviewer-defined source file and to update the associated comment file,

computer readable program code means for causing the computer to generate a hypertext document from a markup file corresponding to reviewer-selected source file and from the associated comment file, the hypertext document corresponding to the reviewer-selected source file, wherein said source file is selected responsive to conventional browser requests and

the hypertext document including portions corresponding to one or more of the set of comments associated with the reviewer-selected source file, the hypertext data for each portion relating to a comment to be displayed being defined by the associated comment display object,

the hypertext document selectively including hypertext links representing comment insertion objects, the hypertext links providing reviewers with forms for reviewer entry of comments,

the hypertext document selectively including hypertext data for calling the common gateway interface program for generating a hypertext document and the hypertext document selectively including hypertext data for calling the common gateway interface program for accepting new comments,

computer readable program code means for causing the computer to communicate the hypertext document to a browser for display.

29. A computer program product for use with a hypertext server, the computer program product comprising:

a computer usable medium having computer readable program code means embodied in the medium for causing the storage and management of comments in a web-based file review system, the comments being from a plurality of reviewers, and being associated with one or more webs of source files, the computer program product having:

computer readable program code means for causing a computer to parse a selected one of the set of source files into a linked list of objects corresponding to a hypertext representation of the selected source file, the linked list further comprising comment insertion objects and comment display objects, the parser writing the linked list of objects to a binary markup file representing the linked list of objects and corresponding to the selected one of the set of source files, each comment display object [being capable of being] associated with one or more comments,

computer readable program code means for causing the computer to create and manage a set of comment files, each comment file being associated with a one of the set of source files and comprising data representing comments associated with the one of the set of source files,

computer readable program code means for causing the computer to accept new comments for inclusion in the set of comments associated with a reviewer-defined source file and to update the associated comment file,

computer readable program code means for causing the computer to generate a hypertext document from a markup file corresponding to reviewer-selected source file and from the associated comment file, the hypertext document corresponding to the reviewer-selected source file, wherein said source file is selected responsive to conventional browser requests, and

the hypertext document including portions corresponding to one or more of the set of comments associated with the reviewer-selected source file, the hypertext data for each portion relating to a comment to be displayed being defined by the associated comment display object,

the hypertext document selectively including hypertext links representing comment insertion objects, the hypertext links providing reviewers with forms for reviewer entry of comments,

the hypertext document selectively including hypertext data for calling the common gateway interface program for generating a hypertext document and the hypertext document selectively including hypertext data for calling the common gateway interface program for accepting new comments,

computer readable program code means for causing the computer to communicate the hypertext document to a browser for display.

33. A method for storing and managing a set of comments associated with a source file, in a file review system, the method comprising the steps of

requesting the source file using conventional browser requests,

accepting data from the source file and storing a representation of the source file as a markup file,

creating a comment file containing data representing the set of comments associated with the source file,

responding to user input to accept new comments for inclusion in the set of comments associated with the source file and for updating the comment file to correspond to the complete set of comments,

responding to user input to dynamically generate a hypertext document from the markup file and from the comment file, the hypertext document corresponding to the source file and including portions corresponding to one or more of the set of comments associated with the source file,

communicating the hypertext document to a user for display.

39. A method for storing and managing comments in a web-based file review system, the comments being from a plurality of reviewers and being associated with one or more webs of source files, comprising the steps of

parsing a selected one of the set of source files into a linked list of objects corresponding to a hypertext representation of the selected source file, the linked list further comprising comment insertion objects and comment display objects, the parser writing the linked list of objects to a binary markup file representing the linked list of objects and corresponding to the selected one of the set of source files, each comment display object [being capable of being] associated with one or more comments,

on review request, accepting new comments for inclusion in the set of comments associated with a reviewer-defined source file and for updating an associated comment file, the comment file being associated with a one of the set of source files and comprising data representing comments associated with the one of the set of source file,

dynamically generating a hypertext document from a markup file corresponding to reviewer- selected source file and from the associated comment file, the hypertext

document corresponding to the reviewer-selected source file, wherein said source file is selected responsive to conventional browser requests, and

the hypertext document including portions corresponding to one or more of the set of comments associated with the reviewer-selected source file, the hypertext data for each portion relating to a comment to be displayed being defined by the associated comment display object,

the hypertext document selectively including hypertext links representing comment insertion objects, the hypertext links providing reviewers with forms for reviewer entry of comments,

the hypertext document selectively including hypertext data for calling a common gateway interface program for generating a hypertext document and the hypertext document selectively including hypertext data for calling the common gateway interface program for accepting new comments,

communicating the hypertext document to a browser for display.